

Claims 1 - 23 (Canceled )

24 (Currently amended) Apparatus for treating a target tissue sensitive to changes in target tissue temperature comprising:

a plurality of energy sources operating in combination to generate a plurality of energy pulses;

means for directing said plurality of energy pulses toward said target tissue;

means for cooling blood flowing through said target tissue;

~~[-means including-]~~ a drug for moderating the degree of blood flow cooling;

means for controlling said plurality of energy pulses to assist in pulsating said target tissue temperature over a predetermined period of time;

means for sensing and indicating temperature of said target tissue.

25 (Previously presented) Apparatus according to Claim 24, wherein said drug for moderating the degree of blood flow cooling is Thorazine

26 (Previously presented) Apparatus according to Claim 24, wherein one of said energy sources is a radio frequency generator.

27 (Previously presented) Apparatus according to Claim 24, wherein one of said energy sources is in an ultrasonic generator

28 (Currently amended) Apparatus according to Claim 24, wherein said means for controlling said plurality of energy pulses ~~[include]~~ includes a computer-driven sequencer.

29 (Currently amended) Apparatus according to Claim 24, wherein said means for controlling said plurality of energy pulses ~~[-include]~~ includes a waveform control device.

30 (Currently amended) Apparatus according to Claim 24, wherein said means for directing said plurality of energy pulses ~~[-include]~~ includes first and second planar electrodes.

31 (Currently amended) Apparatus according to Claim 24, wherein said means for directing said plurality of energy pulses [~~include~~] includes a cylindrical, inflatable tube having electrodes.

32 (Currently amended) Apparatus according to Claim 24, wherein said means for directing said plurality of energy pulses [~~include~~] includes a sphere having electrodes.

33 (Previously presented) A method for treating target tissue sensitive to changes in target tissue temperature comprising the steps of :

- combining plurality of energy sources to generate a plurality of energy pulses;
- directing said plurality of energy pulses toward said target tissue;
- cooling blood flowing through said target tissue;
- administering a drug for moderating the degree of blood flow cooling;
- controlling said plurality of energy pulses to assist in pulsating said target tissue temperature over a predetermined period of time; and
- sensing and indicating temperature of said target tissue.

34 (Currently amended) Apparatus for treating a target tissue sensitive to changes in target tissue temperature comprising:

- an energy source for generating plurality of energy pulses;
- means for directing said plurality of energy pulses toward said target tissue;
- means for cooling blood flowing through said target tissue;
- [~~means including~~] a drug for moderating the degree of blood flow cooling;
- means for controlling said plurality of energy pulses to assist in pulsating said target tissue temperature over a predetermined period of time; and
- means for sensing and indicating temperature of said target tissue.